

ABSTRACT

A wireless communication apparatus for performing a different carrier measurement without lowering throughput is disclosed. In this apparatus, a packet continuation determining section (121) observes user packet data and determines whether packets addressed to the wireless communication apparatus are continuously received or paused; a different carrier measurement suppressing section (122) generates a signal to allow the different carrier measurement when the determination result in the packet continuation determining section (121) indicates that packets are paused and does not generate the signal to allow the different carrier measurement when the determination result in the packet continuation determining section (121) indicates that packets are continuing. When the different carrier measurement is allowed, the different carrier reception timing setting section (112) notifies the timing of switching the carrier to a carrier switch controlling section (113) and a carrier reception quality measuring section (110), and at this timing, the carrier switch controlling section (113) controls the carrier switch of the RF receiving section (102) and the carrier reception quality measuring section (110) measures the reception quality of the switched carrier.